

AMENDMENT

IN THE CLAIMS

1. (currently amended) A venting liner for a cap and container assembly comprising:

a liner impermeable to a liquid and selectively permeable to a gas, in a form adapted to be positioned over a container opening, being defined by at least three layers, a first layer, an intermediate layer and a third layer, said layers including at least one perforation extending vertically through said first, intermediate and third layers to provide controlled, unimpeded gas flow through said liner at a desired pressure level;

said first layer having an outer surface facing away from said container opening and an inner surface facing toward the container opening, with the at least one perforation being open to ambient conditions outside the outer surface,

said intermediate layer consisting of a resilient foam material positioned between said first layer and said third layer and responsive to a pressure in said container such that, in a pressurized state, said intermediate layer is adapted to expand and compress facilitating the passage or prevention of gas flow through ~~said~~ the at least one perforations depending on said pressure conditions;

said third layer having a first surface adjacent to said intermediate layer and a second surface adjacent to the container opening, with the at least one perforation being open to ambient conditions inside of the second surface;

wherein said liner controls the pressure level in said container such that when the pressure inside of said container is at a selected pressure level, said venting liner allows gas flow through the perforation, thereby releasing gas flow from said container, and when the pressure inside of said



- container is at a desired level, said venting liner seals the container, thereby resisting gas flow from said container.
2. (original) The venting cap liner in accordance with claim 1 wherein the liner has a thickness between .016" and .056".
 3. (original) The venting cap liner in accordance with claim 1 wherein the liner has a density between 4.0 and 40.0 lbs/ft³.
 4. (original) The venting cap liner in accordance with claim 1 wherein the perforation has a diameter between .001" and .035".
 5. (previously amended) The venting cap liner in accordance with claim 1 wherein the intermediate layer has a thickness between .010" and .050".
 6. (previously amended) The venting cap liner in accordance with claim 1 wherein the intermediate layer is formed from an impermeable material.
 7. (previously amended) The venting cap liner in accordance with claim 1, wherein said outer surface having at least one channel extending from one edge of the first layer to another edge of the first layer.
 8. (original) The venting cap liner in accordance with claim 7 wherein the channel has a depth of between .003" and .020".
 9. (original) The venting cap liner in accordance with claim 7 wherein at least one channel intersects a perforation.
 10. (original) The venting cap liner in accordance with claim 7, wherein said first layer further includes a plurality of channels extending across the outer surface from one edge to another.
 11. (currently amended) A venting cap liner for use in a pressurized cap and container arrangement, said cap liner comprising:

a multi-layer sandwich structure impermeable to a liquid and selectively permeable to a gas including a first layer, a generally flat resilient intermediate layer, and a third layer, said layers including at least one perforation extending through said first, second and third layers, wherein the at least one perforation being open to ambient conditions inside and outside of the liner to enable gas flow therethrough,

said first layer having a first surface opposite a second surface, wherein said first surface is adjacent to said cap and said second surface is adjacent to said ~~second~~-intermediate layer,

said first surface having at least one channel extending from one edge of the first layer to another edge of the first layer,

said intermediate resilient layer being positioned between said first layer and said third layer, said ~~second~~-intermediate resilient layer having a generally flat first surface adjacent to the first layer and a generally flat second surface adjacent to the third layer, wherein said ~~second~~-intermediate layer is responsive to a gas pressure level in said container such that, at a first selected pressure level, said perforation extending through said ~~second~~-intermediate layer opens to allow gas to flow through said perforation and, at a second selected pressure level, said ~~second~~-intermediate layer expands to close said at least one perforation thereby resisting gas flow therethrough,

said third layer having a first surface adjacent to said ~~second~~-intermediate layer and a second surface adjacent to the mouth of said container.

12-15 (cancelled).